| | 22 December 1965 | |
|---------|---|----------|
| | Subject: GR ECPs 34, 40, and 42 | |
| | Dear Chuck, | |
| TATINTL | These ECPs are technically approved by the SPO. Request that you provide with formal authority to proceed on them. | |
| • | Regarding ECP 34, it is our understanding that the -105 and -107 circuit boards will be fully interchangeable, and that Nat's tech data will be revised to indicate this. | |
| TATINTL | Copy: | STATINTL |
| | | |

| | GA 11-12-6 DE MAJOR CO Recorde | MPONENT | | i | GINEER NG ANGE PROPO CTS: GAS | | \square | GR- 34 | | |
|-----------------------|--------------------------------|-------------------------------|------------------------|-----------|---------------------------------------|-----------------------------|------------------------------|-----------------|------------------|---------------------|
| NAME | OF MAJOR CO | MPONENT | | AFFEC | TS: GA5 | 31 SLR | - | | | |
| | | | | | | | | | | |
| TITLE C | | r | | Ramı | OWEST SUBAS O Amplit O Board | | | | TYPE '-019-10 | |
| | F PROPOSAL: | Reduc | e osc | illatio | on in Ra | amp Amp | lifier | | | |
| NATUR | E OF PROPOSA | AL: | | | · · · · · · · · · · · · · · · · · · · | | | · | | |
| | Chang | e capac e resis e resis | stor Ri | 12 to I | RN25C825 | 51F Olr | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| deveor | N FOR PROPOS | | | | | | | | | |
| 9 | | | | | | | | | | |
| ES | ESTIMATED | COST AND | TIME INVO | LVED: | | | | | | |
| | ADDITIONA | | | | t | | | | | |
| СР | ADDITIONA | | | | N/A | | | | | |
| ITEMS A | FFECTED BY PI Product | ROPOSAL: ion Un: | its A7 | 002-15 | and su | bs in 1 | ine. | Handbo | ooks. | |
| SAFETY | MISSION EFFEC- TIVENESS | PERFORM- ANCE | OPERATING PROCEDURI | | WEIGHT OR WEIGHT AND BALANCE | TOOLS AND SUPPORT EQUIPMENT | MAINTE- NANCE PROCEDUR | SERVICE LIFE | FLIGHT MANUAL | MAIN NAN MANI |
| ESTIMAT | ED MAN HOU | rs require N/A | D TO ACC | OMPLISH C | HANGÉ IN F | IELD: | | | | |
| SOURCE | OF PARTS FO | R KIT: | GR | | , | AVAILABILIT | Y | WEEKS | AFTER APPRO | IVAL |
| | | | | | | | | | | |
| N J HEPOSI | TION OF SPAI | RES AFFECTE | D: PP | B to be | e revis | ed by c | hange | notice | to PSO. | |

| • . | Ар | proved Fo | elease | e 2002/10 | /25 : CIA- | RDP/2B0 | 004 04K 0 | 00400070 | 066-3 | 1.000mm(1.000mm) - 克里·洛爾 |
|-----------------|--|-------------|-------------|------------------|---------------------------|-------------|----------------------|----------|-----------------|--------------------------|
| | GA. | - 531 | | | IEERING STU SE PROPOSA | | | R- Lo | | |
| DATE | L1-22-65 | | | AFFECTS: | GA531 | SLR | | | | |
| NAME OF | MAJOR COM | APONENT | PAR | T OR LOWE | ST SUBASSE | MBLY | | | /BC | |
| Re | eceiver | | | Elec | tron Tub | e | 53 | 1A400-91 | 16-103 (0 | |
| TITLE OF | PROPOSAL: | Change | Electro | n Tube | Specific | ation Co | ontrol I | rawing | | |
| | OF PROPOSAL | L: | cation c | ontrol | irawi no | perform | ince sec | tion. | | |
| | | - | | | • | | | | | |
| | | | · ¥ · | | | | | | | |
| | | | | | | | | | | |
| ** | | | | | | | | | | |
| | . 1 | | | | | ė. | | | | |
| REASON | FOR PROPOS | AL: | | | | | 121 | | | |
| 1 | | | | on of c r | itical e | nvironm | ental p | erforman | ce , | |
| | cnarac | cteristic | 35. | | | | | | | |
| 2 | . To ins | sure phys | sical int | terchang | eability | • | | | | 6. |
| Ģ. | | | | | | | | | | |
| | | | | | | | | | i. | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | ESTIMATED | COST AND I | IME INVOL | VED: | | | | | 3 | |
| ES | Receiver Electron Tube 531Ah00-916-103 (Old) 531Ah00-916-103 (Old) 531Ah00-916-105 (New) ITLE OF PROPOSAL: Change Electron Tube Specification Control Drawing NATURE OF PROPOSAL: 1. Change specification control drawing performance section. 2. Change present mounting holes to slotted holes. REASON FOR PROPOSAL: 1. To insure specification of critical environmental performance characteristics. 2. To insure physical interchangeability. ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED: CP ESTIMATED COST FOR KITS OR PARTS: ADDITIONAL FUNDING REQUIRED: CP STIMATED COST FOR KITS OR PARTS: ADDITIONAL FUNDING REQUIRED: CHANGE AFFECTED BY PROPOSAL: 531Ah00-916-105 Electron tube. This will be an in line change at depletion of present stock. SAFETY HISSION PERFORM OPERATING CHANGE: WEIGHT OR TOOLS AND MAINTE. SERVICE FLIGHT MANUAL MA | | | | | | | | | |
| CP | ESTIMATED | COST FOR K | ITS OR PART | | | | | | | |
| | ADDITIONA | AL FUNDING | REQUIRED: | N/A | | | | | | |
| | | | | | | ron tub | e. Thi | s will b | e an i n | line |
| | | PERFORM. | OPERATING | | WEIGHT OR | | | SERVICE | FLIGHT | MAINTE- |
| | TIVENESS | ANCE | PROCEDURE | ABILITY | AND | EQUIPMENT | PROCEDUR | | 16 | MANUAL |
| | | L | | L | ANGE IN S | L <u></u> | | <u> </u> | | |
| ESTIMAT | ED MAN HOU | JK2 KEĞÜİKE | D TO ACCO | MPLISH CH | ANGE IN F | ELD: | | | | |
| SOURCE | OF PARTS FO | OR KIT: | | | | | | | | |
| | | - N (N) | | | / | AVAILABILI1 | Υ | WEEKS | AFTER APPR | OVAL |
| | TION OF SPA | | | res affe | cted wil | l be to | latest | configu | ration. | |
| INITIATI | | | J | | | | | | S | TATIN |
| | | | | | | | | | | |
| E-108 (6-65) 72 | | | or Release | 2002/10 | /25 · CIA | DDD72D | 00464D0 | 00400070 | O CPA CPE | OF |

| | GA - 53 | 11 | | | ERING STUI E PROPOSAL | | | R - 42 | | | |
|------------|--|-------------------------|------------------------|----------------------|----------------------------|-----------------|----------------|-------------------------------|--------------------|----------------|-----|
| DATE | 11-22-65 | 5 | | AFFECTS: | GA531A | SLR | ** | | | | |
| NAME OF | MAJOR COMPON Recorder | | | OR LOWES | t subassem Board | BLY | 4 | ART NO. 31A710- 31A710- | 005-103 005-105 | (old) (new) | |
| TITLE OF I | PROPOSAL: | Chan | ge Re | sistor ' | Value | | | | | | 1 |
| | OF PROPOSAL: | | | | | | | | | | |
| matter and | ange resist 20AD182J. 31A710-005-1 | Ohama DT | THE D | II HABIT | n Part N | | | | OAD183J .03 to | to | |
| 6 A | | | | | | | | | | • | |
| ÷ | 1 | | | | | | | | | | 1 |
| 1 | | | | | | | | · · | | | |
| | FOR PROPOSAL: | 0.3 | 1 | noto of | the Reco | order Bl | TE opei | cation. | | | |
| T | o reduce the | false a | Larm I | ace or | one nece | /1 doi 101 | TE OFF | | | | 20 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | - , | | | | | | | | | 1 |
| | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 10 | ESTIMATED COS | T AND TIME | INVOLV | ED: | | | | | | | |
| ES | ADDITIONAL FL | | | | | | | | | | |
| СР | ESTIMATED COS | | | 5: N/ | A | | | | | | |
| | ADDITIONAL FI | 7) | J., . + : | on unit | s S/N A7 | 002-16 | and sub | s in 1 | ne. | | 1:1 |
| ITEMS A | FFECTED BY PROP 5/N 7002-9 t | hru 13 to | be r | etrofit | ted; S/ | N A7002 | !-14 and | 1 15 cor | nply. | | |
| SAFETY | MISSION EFFEC- PE | | RATING | INTER- CHANGE- | WEIGHT OR WEIGHT AND | TOOLS AND | NANCE | SERVIC | E FLIGH | T N | ANC |
| SAFE | TIVENESS | ANCE PRO | CEDURE | ABILITY | BALANCE | EQUIPMENT | PROCEDU | | | | |
| | FED MAN HOURS | | ACCO le; 1 | MPLISH CH hour To | ANGE IN F | ELD: in. ass | semble. | | | | |
| | E OF PARTS FOR K | GR | | | | AVAILABILI | | | EKS AFTER | APPROVA | L |
| DIEDOG | ITION OF SPARES | s AFFECTED: to be re | Spar vi s ed | es to b by Cha | e rework nge Noti | ed to la | atest c SO. | onfigur | ation. | | |
| 1LGizboz | | | | | | | | | | | |
| INI | | | | | 1 | 20152 | | | | STA | ŤΙ |

Ry 61- dam d